



# CoreLine Recessed Spot

## RS141B LED9-32-/840 PSR PI6 WH

CoreLine Recessed Spot, 11 W, 900 lm, 4000 K, Analog, Beam angle 32°, White RAL9010

CoreLine Recessed Spot is a recessed spot range designed to replace halogen-based luminaires. Its halogen-like look and attractive price make it easier for customers to make the switch to LED. This product provides a natural lighting effect for accent lighting applications, as well as instant energy savings and much longer lifetime – an environmentally friendly solution. With the push-in connectors, installation is fast and straightforward.

### Product data

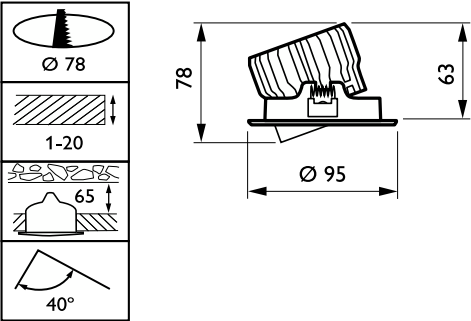
| General Information      |   |                                    |   |
|--------------------------|---|------------------------------------|---|
| Light source replaceable | No  | Flammability mark                  | For mounting on normally flammable surfaces |
| Number of gear units     | 1 unit  | ENEC mark                          | -   |
| Driver included          | Yes   | Glow-wire test                     | Temperature 650 °C, duration 30 s           |
| Remarks                  | *-Per Lighting Europe guidance paper<br>"Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. | EU RoHS compliant                  | Yes   |
| Lighting Technology      |   | Light Technical                    |   |
| Lighting Technology      | LED   | Luminous Flux                      | 900 lm                                      |
| Value ladder             | Performance   | Correlated Color Temperature (Nom) | 4000 K                                      |
| CE mark                  | Yes   | Luminous Efficacy (rated) (Nom)    | 82 lm/W                                     |
| Warranty period          | 5 years   | Color rendering index (CRI)        | 85  |
|                          |   | Beam angle of light source         | 32 degree(s)                                |
|                          |   | Light source color                 | 840 neutral white                           |
|                          |   | Optic type                         | Beam angle 32°                              |
|                          |   | Luminaire light beam spread        | 32°   |

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|  |                              |
|--|------------------------------|
| Unified glare rating CEN                 | 22                           |
| Operating and Electrical                 |                              |
| Input Voltage                            | 220 to 240 V                 |
| Line Frequency                           | 50 to 60 Hz                  |
| Inrush current                           | 7 A                          |
| Inrush time                              | 500 ms                       |
| Power Consumption                        | 11 W                         |
| Power Factor (Fraction)                  | 0.9                          |
| Connection                               | Push-in connector 6-pole     |
| Cable                                    | -                            |
| Number of products on MCB of 16 A type B | 40                           |
| Temperature                              |                              |
| Ambient temperature range                | 0 to +35 °C                  |
| Controls and Dimming                     |                              |
| Dimmable                                 | Yes                          |
| Driver/power unit/transformer            | Power supply unit regulating |
| Control interface                        | Analog                       |
| Constant light output                    | No                           |
| Mechanical and Housing                   |                              |
| Housing Material                         | Aluminum die cast            |
| Reflector material                       | Polycarbonate                |
| Optic material                           | Polycarbonate                |
| Optical cover material                   | Polycarbonate                |
| Fixation material                        | Stainless steel              |
| Housing Color                            | White RAL9010                |
| Optical cover finish                     | Clear                        |
| Overall height                           | 59.5 mm                      |
| Overall diameter                         | 95 mm                        |

|   |                                     |
|---|-------------------------------------|
| Approval and Application                                |                                     |
| Ingress protection code                                 | IP44 [Wire-protected, splash-proof] |
| Mech. impact protection code                            | IK02 [0.2 J standard]               |
| Sustainability rating                                   | -                                   |
| Protection class IEC                                    | Safety class II                     |
| Initial Performance (IEC Compliant)                     |                                     |
| Luminous flux tolerance                                 | +/-10%                              |
| Initial chromaticity                                    | (0.38, 0.38) SDCM <5                |
| Power consumption tolerance                             | +/-10%                              |
| Over Time Performance (IEC Compliant)                   |                                     |
| Control gear failure rate at median useful life 50000 h | 5 %                                 |
| Lumen maintenance at median useful life* L70            | 50000 h                             |
| Application Conditions                                  |                                     |
| Performance ambient temperature Tq                      | 25 °C                               |
| Maximum dim level                                       | 10%                                 |
| Suitable for random switching                           | Yes                                 |
| Product Data  |                                     |
| Order product name                                      | RS141B LED9-32-/840 PSR PI6 WH      |
| Full product name                                       | RS141B LED9-32-/840 PSR PI6 WH      |
| Full product code                                       | 871869938284199                     |
| Order code  | 38284199                            |
| Material Nr. (12NC)                                     | 912401483038                        |
| Numerator - Quantity Per Pack                           | 1                                   |
| EAN/UPC - Product/Case                                  | 8718699382841                       |
| Numerator - Packs per outer box                         | 18                                  |
| EAN/UPC - Case  | 8718699383114                       |

Dimensional drawing



## CoreLine Recessed Spot

